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CLAIMS

1.   A method for treating neurodegenerative disease, comprising:
introducing an agent to stimulate expression of a non-amyloidogenic

5   protein.

2.   The method of claim 1, wherein the neurodegenerative
disease comprises neurodegenerative diseases from the group consisting
of Alzheimer's disease, Parkinson's disease and Lewy body disease.

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3.   The method of claim 1, wherein the non-amyloidogenic
protein is β-synuclein.

4.   A method for screening treatments for neurodegenerative

15   disease, comprising:
stimulating oxidative stress;
measuring aggregation of NACP/α-synuclein in neuronal cells; and
second measuring aggregation of NACP/α-synuclein to test for a
decrease in aggregation, wherein the decrease is indicative of an effective

20   treatment.

5.   The method of claim 4, wherein oxidative stress is stimulated
by a mixture of metal-ions and hydrogen peroxide.

25   6.   The method of claim 4, wherein oxidative stress is stimulated
using an iron-catalyzed oxidative reaction.

7.   The method of claim 4, wherein expression of a non-
amyloidogenic protein modulates aggregation of NACP/α-synuclein.

8.   The method of claim 7, wherein the non-amyloidogenic protein is β-synuclein.

9.   A method for screening treatments of neurodegenerative disease comprising evaluating agents for stimulation of expression of a non-amyloidogenic protein.

10.   The method of claim 9, wherein the non-amyloidogenic protein is β-synuclein.